

Title (en)
CHAIN CUTTER EXCAVATOR

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Application
EP 83830282 A 19831227

Priority
IT 8331183 A 19830124

Abstract (en)
[origin: EP0114584A2] This invention concerns a cutter bucket (10) able to work in any kind of ground and to make ditches, trenches, wells, excavations for partition walls, etc. which comprises: - excavation means (12) consisting of two pairs of rotatable tools (13) having their axes parallel to each other and substantially parallel to the excavation face (24), such tools (13) being provided peripherally with means (26) to attack the earth, the means (26) to attack the earth of one pair of tools passing near the means (26) to attack the earth of the other pair, - hydraulic motor means (20) arranged above the excavation means (12), - chain means (25) driven by the hydraulic motor means (20) and driving the excavation means (12) by an inner gear wheel (15), the chain means (25) being provided with independent means (26) to attack the ground, and - pneumatic means (28) to withdraw debris, in which cutter bucket (10) the hydraulic motor means (20) comprise on their outer periphery ring gear means (23) to drive the chain means (25), and the means (26) to attack the ground, being supported by the chain means (25) and by the rotatable tools (13), form a substantially continuous excavation face (24) stretching at least to the periphery of the cutter bucket (10).

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E02F 5/20; E21B 11/06

IPC 8 full level
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Citation (search report)
• [AD] US 3710878 A 19730116 - ENDO M, et al
• [AD] US 3894587 A 19750715 - SOURICE CLAUDE

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